

Top 20 Chemicals with Largest Total On-site and Off-site Releases, RCRA/Solvent Recovery (SIC Codes 4953/7389), 1999

CAS Number Chemical		On-site Releases							Off-site Releases	Total On- and Off-site Releases Pounds
		Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases				
				Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On- site Land Releases Pounds	Total On-site Releases Pounds		
									Off-site to Disposal Pounds	
7440-66-6	Zinc (fume or dust)	3,228	5	0	0	53,107,211	586,002	53,696,446	13,908	53,710,354
	-- Zinc compounds	7,673	367	850,750	0	31,390,534	1,027,201	33,276,525	10,202,181	43,478,706
1344-28-1	Aluminum oxide (fibrous forms)	338	0	0	0	30,469,494	258,064	30,727,896	347,172	31,075,068
	-- Lead compounds	6,244	308	0	0	12,043,875	189,232	12,239,659	6,237,980	18,477,639
1332-21-4	Asbestos (friable)	43	0	0	0	4,742,648	8,475,949	13,218,640	1	13,218,641
7439-92-1	Lead	3,893	30	13,250	0	9,046,156	160,054	9,223,383	1,469,410	10,692,793
1336-36-3	Polychlorinated biphenyls (PCBs)	531	2	0	0	10,316,919	313,508	10,630,960	1,533	10,632,493
	-- Copper compounds	4,698	117	68,000	0	7,263,149	408,896	7,744,860	2,001,955	9,746,815
	-- Chromium compounds	1,663	551	720,000	0	3,711,644	114,063	4,547,921	2,952,455	7,500,376
	-- Nickel compounds	2,007	491	140,000	0	3,248,507	162,489	3,553,494	3,594,078	7,147,572
	-- Barium compounds	1,286	272	250	0	5,034,475	66,561	5,102,844	1,821,748	6,924,592
7697-37-2	Nitric acid	471	0	6,328,468	0	58,238	1,780	6,388,957	206,958	6,595,915
	-- Nitrate compounds	265	8,356	4,563,034	0	0	981,000	5,552,655	539,647	6,092,302
	-- Manganese compounds	446	24	36,000	0	4,564,123	19,446	4,620,039	181,510	4,801,549
7429-90-5	Aluminum (fume or dust)	1,281	0	0	0	4,072,525	100,105	4,173,911	18,368	4,192,279
7664-39-3	Hydrogen fluoride	727	1	4,100,000	0	0	0	4,100,728	44,351	4,145,079
7439-96-5	Manganese	398	0	0	0	3,654,961	773	3,656,132	133,234	3,789,366
7440-02-0	Nickel	134	10	250	0	442,379	51,550	494,323	2,802,197	3,296,520
7664-41-7	Ammonia	3,634	2,073	610,000	0	2,250,419	33	2,866,159	196,956	3,063,115
7440-47-3	Chromium	948	10	250	0	1,076,512	69,643	1,147,363	1,515,238	2,662,601
	Subtotal	39,908	12,617	17,430,252	0	186,493,769	12,986,349	216,962,895	34,280,880	251,243,775
	Total*	802,891	50,676	22,861,227	0	206,756,050	13,707,014	244,177,858	43,824,555	288,002,413

Note: On-site Releases are from Section 5 of Form R. Off-site Releases are from Section 6 (transfers off-site to disposal) of Form R. Off-site Releases include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. Off-site Releases do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

* Total for RCRA/Solvent Recovery (SIC Codes 4953/7389)